

City of Asheville North Carolina



REQUEST FOR BIDS AND PROPOSALS
BID REQUEST NO. FBR 759-10

ONE AUTO SIDE LOADER REFUSE TRUCK
FOR THE CITY OF
ASHEVILLE PUBLIC WORKS DEPARTMENT

EXCEPTIONS DUE BY: 3 PM THURSDAY MAY 20, 2010

**BID OPENING DATE: WEDNESDAY, JUNE 2, 2010
AT 3:00 PM LOCAL TIME**

ISSUED BY: CITY OF ASHEVILLE PURCHASING DIVISION
P. O. BOX 7148
ASHEVILLE, NC 28802
PHONE: (828) 259-5950
AMY PATTERSON, PURCHASING MANAGER

BIDS ARE TO BE SEALED AND MAILED VIA USPS
TO THE ABOVE POST OFFICE BOX
OR DELIVERED TO THE PURCHASING DIVISION OFFICE LOCATED
AT NO. 3 HUNT HILL PLACE, ASHEVILLE, NC 28801

CITY OF ASHEVILLE, NORTH CAROLINA

PURCHASING DIVISION

Bid Request No. FBR 759-10

Date: May 11, 2010

**REQUEST FOR FORMAL BIDS AND PROPOSALS ON
ONE AUTO SIDE LOADER REFUSE TRUCK FOR THE CITY OF ASHEVILLE
PUBLIC WORKS DEPARTMENT, SANITATION DIVISION**

Pursuant to General Statutes of North Carolina, Section 143-129, as amended, sealed bids and proposals, subject to the conditions and specifications herein, are invited for furnishing the following equipment, materials, services or repair work. **All bids will be received by the City of Asheville Purchasing Division until 3:00 p.m. local time on Wednesday the 2nd day of June, 2010, at which time they will be publicly opened and read.**

TERMS: Net 30 Days
DELIVERY: ASAP - Bidder Specify Best Delivery

CITY OF ASHEVILLE, N. C.
Amy Patterson, Purchasing Manager

POSITIVELY NO BIDS CONSIDERED UNLESS SUBMITTED ON THIS FORM

NOTICE TO BIDDERS: All tax imposed upon any article on which you are bidding shall be shown as separate items and in no case included with price bid. Failure to comply with these conditions will be considered grounds for rejection.

| | | | | | |
|---|--|--|---|--|--|
| | | ONE (1) AUTO LOADER REFUSE TRUCK FOR THE CITY OF ASHEVILLE, PUBLIC WORKS DEPARTMENT/SANITATION DIVISION PER THE ATTACHED SPECIFICATIONS, TERMS, AND CONDITIONS. | | | |
| | | <u>BIDDERS PLEASE NOTE:</u> 1. <u>SPECIAL TERMS AND CONDITIONS-</u> <u>BID PAGE 6, ITEM NO. 8</u> <u>EXCEPTIONS TO SPECIFICATIONS,</u> <u>REQUEST FOR CLARIFICATIONS AND</u> <u>APPROVAL OF ALTERNATES.</u> | | | |
| | | The deadline for the City's Purchasing Division to receive <u>written exceptions</u> to specifications, etc. is by 3:00 PM local time on Thursday May 20, 2010. | | | |
| Company Name | | | Bid Submitted By (Signature) | | |
| Address | | | Printed Name and Title | | |
| City State Zip | | | Email Address | | |
| Telephone No. | | | Fax No. | | |
| Web Address | | | Federal Taxpayer ID No. | | |
| Delivery _____ calendar days after receipt of order | | | Payment Terms: Net _____ Discount: _____ % Net _____ | | |

SIGNED: _____ TITLE: _____

GENERAL CONDITIONS

1. All bids and proposals shall be for furnishing apparatus, supplies, materials, equipment and/or work and services in accordance with the applicable plans and specifications prescribed by The City of Asheville. From the date shown until the date of opening the proposals, the plans and specification of the proposed work and/or a complete, description of the apparatus, supplies, materials or equipment and/or work and services are an will continue to be on file in the Purchasing Office for City of Asheville, Asheville, N. C., during usual office hours, and available to prospective bidders.
2. The City reserves the right to evaluate all bids especially where there is a wide range in specifications or to reject any and all bids and proposals, and further specifically reserves the right to make the award and/or awards in the best interest of the City of Asheville.
3. Time, in connection with discount offered, will be computed from date of delivery of the supplies or materials on delivery at destination when final inspection and acceptance are at those points, or from date correct invoice is received if latter is later than the date of delivery. Guaranteed maximum price must be shown in all bids.
4. In case of default of the contractor, the City may procure the articles or services from other sources and hold the contractor responsible for any excess cost occasioned thereby.
5. Payment by City due thirty days after delivery in Asheville and inspection unless otherwise specifically provided, subject to any discounts allowed.

BID

In compliance with the above request for bids, and subject to all the conditions thereof, the undersigned offers and agrees, if this bid be accepted within 60 days from the date of the opening, to furnish any or all of the items upon which prices are quoted, at the price set opposite each item, and unless otherwise specified, within _____ days after receipt of order, deliver F.O.B. Asheville, NC. Discounts will be allowed for prompt payments as follows: 10 calendar day, _____ percent; 15 calendar days, _____ percent; 20 calendar days, _____ percent.

Bidder: _____ Address: _____ Zip: _____

By: _____ Title: _____
(Authorized to sign bids)

Telephone Number: _____

Date: _____

MAILING INSTRUCTIONS

1. Bidder to submit a complete, fully executed bid document.
2. If mailed, bid should be forwarded by certified U. S. Postal Service. Please address and mark your sealed bid as shown below.

CITY OF ASHEVILLE, N. C.
PURCHASING DIVISION
P. O. BOX 7148
ASHEVILLE, N. C. 28802
BID REQUEST NO. FBR 759-10
ONE AUTO SIDE LOADER REFUSE TRUCK
TO BE OPENED 3:00 P.M. LOCAL TIME
THURSDAY, JUNE 2, 2010

3. If forwarded other than by U.S. Postal Service, delivery must be made directly to City of Asheville, Purchasing Division, No. 3 Hunt Hill Place, Asheville, North Carolina 28801.

NOTE: IF MAIL OR DELIVERY BY ANY OTHER MEANS IS DELAYED BEYOND THE DATE AND HOUR SET FOR BID OPENING, PROPOSAL THUS DELAYED WILL NOT BE CONSIDERED.

CITY OF ASHEVILLE
PURCHASING DIVISION

SPECIAL TERMS AND CONDITIONS FOR
ONE (1) AUTO SIDE LOADER REFUSE TRUCK FOR THE
CITY OF ASHEVILLE PUBLIC WORKS DEPARTMENT/SANITATION DIVISION

1. **DETAILED SPECIFICATIONS:** Detailed specifications for this equipment are included as an attachment with the bid request.

Bids to be submitted in accordance with the attached specifications and these Special Terms and Conditions, both of which require doing all that is necessary, proper, or incidental to the furnishing of the equipment identified herein. All things not expressly stated in the attached specifications or Special Terms and Conditions but involved in carrying them out must be included in bidder's proposal as though they were specifically stated.

2. **NOTICE TO BIDDERS:** All bids are subject to the provisions of the instructions to Bidders, special terms and conditions specific to this Invitation for Bids, the specifications, and General Contract Terms and Conditions. The City of Asheville objects to and will not evaluate or consider any additional terms and conditions submitted with a bidder response. This applies to any response appearing in or attached to the document as part of the bidder's response. **DO NOT ATTACH ANY ADDITIONAL TERMS AND CONDITIONS.** By execution and delivery of a proposal, the bidder agrees that any additional terms and conditions, whether submitted purposely or inadvertently, shall have no force or effect. It shall be the bidder's responsibility to read this entire document, review all enclosures and attachments, and comply with all requirements specified herein.
3. **ISSUING OFFICE:** This bid request is issued by the City of Asheville Purchasing Division, No. 3 Hunt Hill Place, P. O. Box 7148, Asheville, North Carolina 28802. All correspondence and inquiry should be made to this address.
4. **CLARIFICATIONS/INTERPRETATIONS:** Any and all questions regarding this document must be addressed to the City of Asheville Purchasing Division. Technical inquiries may be directed to the individual named herein. Any and all revisions to this document shall be made only by written addendum from the City of Asheville Purchasing Division. **Therefore, no oral statements by any person shall modify or otherwise affect the terms, conditions, or specifications stated in this request for bids and proposals.** The bidder is cautioned that the requirements of this bid can be altered only by written addendum and that verbal communications from whatever source are of no effect.

5. **COMPLIANCE WITH RULES AND REGULATIONS:** The equipment furnished must comply with all applicable provisions of the Occupational Safety and Health Act (**OSHA**), the American National Standard Institute (**ANSI**) and the **Federal Motor Vehicle Standards of the U. S. Department of Transportation**. The equipment furnished shall be capable of passing any applicable **N. C. State motor vehicle inspection**.
6. **GENERAL REQUIREMENTS:** The equipment furnished shall be new and unused and the manufacturer's latest listed and published stock model, or models which meet all the applicable requirements of these specifications. Specifications may require that certain makes and models of vehicles, auxiliaries and/or accessories be provided.
7. **TECHNICAL INQUIRIES:** Questions regarding specifications to be directed to Mr. Mark Stevens, Fleet Manager, Monday through Thursday, 8:00 a.m. – 5:00 p.m. Telephone 828-259-5702.
8. **EXCEPTIONS TO SPECIFICATIONS, REQUEST FOR CLARIFICATIONS AND APPROVAL OF ALTERNATES:** In all cases equipment must be furnished as requested, and where brand names are used, consider the term "or equal" to follow. However, written approval for any proposed substitution or change in specifications must be obtained by bidder prior to the close of bids.

All design, materials, and workmanship shall in every respect be in accordance with the best current practices in the industry. Minor deviations from the provisions of these specifications may be considered to permit manufacturers to follow their standard manufacturing processes; however, all proposed minor deviations must be explained in detail and MUST be submitted in writing to Purchasing within the exception process time frame identified herein or they **WILL NOT** be considered. Prospective bidders may make appointments to discuss these specifications, but written requests for consideration must be submitted.

Requests for approved equals, clarifications or changes in specifications, and/or protests of specifications must be received by the City of Asheville in writing, not less than seven (7) days before the date of scheduled bid opening. Such requests should be mailed to City of Asheville, Purchasing Division, P. O. Box 7148, Asheville, North Carolina 28802. Mark envelope "EXCEPTIONS TO SPECIFICATIONS Bid Request No. 759-10". **EXCEPTIONS DUE BY: 3:00 PM LOCAL TIME ON THURSDAY MAY 20, 2010.**

Any request for an approved equal, change in specification or protest of specifications must be fully supported with technical data, test results, or other pertinent information and evidence that the substitute offered is equal to, or better than, the specification requirement.

8. **EXCEPTIONS TO SPECIFICATIONS, REQUEST FOR CLARIFICATIONS AND APPROVAL OF ALTERNATES (CONTINUED):**

In the event that clarifications or changes to bid specifications are necessary or if a proposed substitution is approved during the exception process, changes will be made by written addendum. The City of Asheville will, if necessary, postpone the scheduled opening of bids so as to provide at least seven (7) days between the mailing of the amended bid and the revised bid opening date. All addendums must be signed and returned with the final bid package.

Bidder's failure to request exceptions to specifications or approved equals as stated above will be interpreted as the bidders' intent to comply fully with the requirements as written. Conditional or qualified bids shall be subject to rejection in whole or in part.

The City of Asheville reserves the right to postpone bid openings for its own convenience.

9. **NONCONFORMING TERMS AND CONDITIONS:** A bid response that includes terms and conditions that do not conform to the terms and conditions in this bid document is subject to rejection as nonresponsive. The City of Asheville reserves the right to permit the bidder/vendor to withdraw nonconforming terms and conditions from its bid response prior to a determination by the City of Asheville of non-responsiveness.
10. **BIDDERS SUBMITTALS:** Bidder must furnish all information requested herein including descriptive literature and/or complete specifications covering the products offered. Reference to literature submitted with a previous bid will not satisfy this provision. Bids which do not comply with these requirements will be subject to rejection. All documents submitted should bear the name of the bidder.
11. **EXPENSES INCURRED IN PREPARING BID:** The City of Asheville accepts no responsibility for any expense incurred by the bidder in the preparation and presentation of a bid. Such expenses shall be borne exclusively by the bidder.
12. **CONTRACT/AWARD:** Pursuant to the laws governing public contracts in North Carolina, the successful bidder's/vendor's response to this Request for Bids and Proposals and any addenda thereto, plus the City's issuance of a City of Asheville Purchase Order for the proposed goods and/or services shall constitute a binding contract.
13. **OPTION TO PURCHASE ADDITIONAL REQUIREMENTS:** Subject to the successful bidder's acceptance, the City reserves the option to purchase additional equipment as specified herein at the price bid and awarded in this Request for Bids and Proposals.

14. **INDEMNIFICATION**: The bidder/vendor covenants to save, defend, keep harmless, and indemnify the City of Asheville and all of its officers, departments, agencies, agents, and employees from and against all claims, loss, damage, injury, fines, penalties and cost - including court costs and attorney's fees, charges, liability, and exposure, however, caused resulting from, arising out of, or in any way connected with the bidder's/vendor's negligent performance or nonperformance of the terms of the contract.
15. **ASSIGNMENT**: During the performance of the contract, the bidder/vendor shall not assign, transfer, convey, sublet, or otherwise dispose of any award or any or all of its rights, title, or interest therein, without the prior written consent of the City of Asheville.
16. **VENDOR APPLICATION AND PRIVILEGE LICENSE**: Bidders/vendors should complete the Vendor Application and Privilege License forms and return them with their bid. The forms are located on the City website at www.ashevillenc.gov.
17. The vendor shall be responsible for seeing that any and all laws of the State of North Carolina concerning certificate of origin, title, transit or transportation documents, et al, are complied with in all respects.
18. Where reference is made to equipment to be "furnished" or "provided" by the bidder these words shall be read to mean suitably installed on each piece of equipment.
19. **VENDOR SUPPORT/SERVICE AND PARTS**: The vendor and/or manufacturer bidding on these specifications must describe in writing to be submitted with their bid, its ability to provide repair parts and technical service in the form of a service representative, including the maximum time from receipt of notice to arrival of parts or the service representative. The manufacturer, whether they are the vendor or not must be satisfactory to the City of Asheville from the standpoint of experience, reliability, and demonstrated ability to manufacture equipment comparable as to size and type as that required by the specifications, and shall have manufactured and sold equipment of the size and type specified which has operated satisfactorily in the field for a minimum of one year. The City of Asheville reserves the right to reject bids from vendors that have failed to perform satisfactory under previous contracts with the City of Asheville and/or vendors that cannot produce satisfactory evidence that they can furnish promptly all spare parts needed for ordinary service and repair of the equipment herein specified.

20. **INSPECTION, TRAINING, PERFORMANCE TEST AND ACCEPTANCE:**

- a. Upon delivery the equipment will be subject to inspection to verify conformance with specifications by the staff of the City's Fleet Management Division and the Public Works Department.
- b. Upon completion of the initial inspection and prior to performance testing by the City, the vendor will be required to conduct on-site technical training of City personnel in operation and maintenance procedures. Vendor must include in their bid any or all cost associated with providing this on-site training.
- c. Upon completion of on-site training the equipment may be required to undergo on route testing prior to acceptance. Performance testing will be performed by City personnel during regular scheduled work days.
- d. Any defects or failure of equipment to perform or comply with any requirements of the City specifications must be immediately remedied by the vendor at the vendor's own expense prior to acceptance by the City.

21. **WARRANTY:** Bidder to include the warranty provisions as outlined in bid specifications.

22. **TAX EXEMPTIONS:** The City of Asheville is exempt from Federal Excise Tax but not from State and Local Sales Tax. Sales tax should not be included in bid prices, but may be added as separate items.

23. **SUBMITTALS:** Bidders to submit one (1) **original bid package and two (2) complete copies.**

24. **EQUIPMENT DEMONSTRATION:** Each bidder shall be prepared to schedule a demonstration of the type of equipment proposed at a location mutually agreeable to the bidder and City staff members. The location should be within reasonable traveling distance from the City of Asheville and the City of Asheville shall be responsible for the travel expense of its staff members in attending any such demonstration. Equipment demonstration may be of vendor owned equipment or third party owned equipment at the discretion of the bidder.

24b. **INDEMNIFICATION:** The successful bidder/vendor agrees to indemnify and hold harmless the City of Asheville against any and all claims or causes of action for property damage or personal injury arising out of or relating to the negligence of the successful bidder/vendor, its officers, employees or agents during the test period for the operation of the vehicle prior to acceptance of the vehicle by the City of Asheville

25. **DELIVERY**: Delivery shall be made FOB: City of Asheville, Fleet Management Division, 173 South Charlotte Street, Asheville, North Carolina 28801. Bidder should give minimum 48 hours notice of delivery of vehicles to Mark Stevens, Fleet Manager. Telephone number 828-259-5702. No deliveries can be made on Fridays.

26. **COMMERCIAL GENERAL LIABILITY INSURANCE**: The successful bidder shall, during the performance of the contract and for three (3) years following acceptance of the product, keep in force at least the following minimum limits of commercial general liability insurance:

| | |
|---|-------------|
| Products/Completed Operations Aggregate | \$2,000,000 |
| Personal and Advertising Injury | \$1,000,000 |
| Each Occurrence | \$1,000,000 |

Coverage shall be written on a Commercial General Liability form and must include finished products/completed operations. The policy shall be written on an occurrence form and shall include Contractual Liability coverage.

The required limits can be provided by one or more policies provided all other insurance requirements are met.

Coverage shall be provided by a carrier(s) rated "Excellent" by A.M. Bests.

Within 14 days following notice of award, the successful bidder shall furnish the City of Asheville with a current Certificate of Insurance with coverages listed above. The certificate shall be made out to the purchaser and be an original, no photocopies shall be accepted. The Certificate of Insurance shall provide that the City be given 30 days advance notice of cancellation, nonrenewal or material change in coverage.

27. **EVALUATION AND SELECTION OF BIDS**: The evaluation of vendor bids shall center on the match between the stated specifications and other requirements included in the final bid request and the vendor's proposal including selection of the lowest responsible bidder, with consideration of past performance, service record, and reliability. The statutory provisions controlling purchasing by local governments in N. C. (GS 143) includes selection standards for use in making of awards. The provision reads, "All contracts shall be awarded to the lowest responsible, responsive bidder, taking into consideration quality, performance, and the time specified in the bids for the performance of the contract". The City of Asheville reserves the right to accept or reject any or all bids and proposals and further specifically reserves the right to make the award or awards in the best interest of the City of Asheville.

28. All bids shall be made firm for no less than sixty (60) days.

AUTO LOADER REFUSE TRUCK

Minimum technical specifications for **One (1) Auto Side Loader Refuse Truck** to be used by the Public Works Department, Sanitation Division. Unit shall be new, unused and untitled production model. All Federal, State and OSHA requirements and standards shall be met.

NOTE: Equipment proposed in response to this bid request should meet or exceed these detailed specifications. Bidders should review the specification details below and indicate if the proposed equipment complies (Yes) or (No) with the stated specification. If the proposed equipment does not comply, a written request for consideration of all exceptions/deviations must be submitted to the Purchasing Division by the bid exceptions deadline identified herein (**see bid page 5, item no. 8*)

| CITY OF ASHEVILLE SPECIFICATION | COMPLIES | <u>IF NO:</u> <u>DEVIATES AS NOTED</u> |
|--|-----------------|---|
| 1) Model/Cab/Chassis: | | |
| a) Low cab forward design, similar to Autocar ACX 6x4. Right hand drive only and manufacturer's latest production model. | | |
| b) GVWR to be 66,000 lbs minimum, (20,000 lb front and 46,000 lb rear) | | |
| c) Wheelbase to be approximately 221" | | |
| d) After Frame dimension to be 80" | | |
| e) Cab to axle dimension to be approximately 198" | | |
| f) Frame RBM to be a minimum of 2,750,000 lb-in sq. | | |
| 2) Engine & Equipment: | | |
| Diesel – Caterpillar or Cummins Required – 380 hp and 1,450 lb-ft torque minimum. Compression Brake (JACOBS) or equivalent. Must meet current Diesel Emission Standards utilizing Ultra Low Sulfur Diesel (USLD) or B5 Biodiesel | | |
| a) Include front mounted PTO | | |
| b) Skid Plate to Protect Radiator | | |
| c) Extended life Anti-Freeze to -40F | | |
| d) Silicon hoses with steel tubing and constant torque clamps | | |
| e) Leece Neville 12V 200 AMP minimum Heavy Duty Alternator or equivalent | | |
| f) Minimum Two (2) Group 31, 12 volt batteries with minimum of 2200 CCA total | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: <u>DEVIATES AS NOTED</u> |
|--|---------------|------------------------------------|
| g) Exhaust System to include Single Vertical Muffler mounted on right hand side with safety shield. Include Rain Cap or top of stack turned out 90 degrees | | |
| h) Bendix 16.5 minimum CFM Air Compressor or Equal. | | |
| i) Shutdown engine protection for Low Oil Pressure and Water Temperature or equal. | | |
| j) Single Spin-On Combination Oil Filter Full Flow/ Bypass or Equivalent. | | |
| k) Must meet Federal Noise Requirements for truck class specified. | | |
| l) Engine Block Heater, Phillips 110V – 120V 1500W compatible with engine supplied or equal. | | |
| m) Power Steering. | | |
| 3) Transmission: | | |
| a) Allison 4500 6-Speed automatic transmission @ 1500 LB-FT torque, input power 500 HP programming refuse special. WTEC calibration – program 146 | | |
| b) Oil to Water type transmission cooler | | |
| c) Transmission fluid to be synthetic | | |
| d) Transmission controls to be pushbutton type with oil level sensor | | |
| 4) Frame & Equipment: | | |
| a) Braking system to include Bendix ADIP with heater or equivalent | | |
| b) Brake air reservoir tanks steel with manual petcocks | | |
| c) Battery shutoff switch at battery box | | |
| d) Front bumper to be heavy duty steel channel with frame reinforcements and lift eyes or hooks | | |
| e) Include steel engine oil pan guard | | |
| f) Tow hooks front and rear | | |
| 5) Front Axle & Equipment: | | |
| a) 20,000 lb minimum with Meritor (Rockwell) Q-Pulse 16.5 X 6 Front Brakes for refuse service | | |
| b) Meritor (Rockwell) Automatic slack adjusters S-CAM type or equal | | |
| c) Remote mounted power steering reservoir | | |
| d) Visible oil seal caps | | |
| e) Chicago Rawhide oil seals or equal | | |
| 6) Tandem Rear Axle & Equipment: | | |
| a) 46,000 lb rear minimum | | |
| b) 5.38 Rear Axle Ratio. | | |
| c) Anti-Spin devices, full locking wheel differential, front and rear carriers of tandem or equal | | |
| d) Rear suspension Hendrickson type HMX style with 46,000 Lbs minimum capacity or equivalent. | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: DEVIATES AS NOTED |
|--|---------------|-----------------------------|
| e) Meritor (Rockwell) Automatic slack adjusters S-CAM type or equal | | |
| f) 16.5 X 7 Cam, Meritor (Rockwell), Q-Plus, rear brakes refuse service minimum size | | |
| g) Bendix anti-lock braking system (ABS) or equal | | |
| h) Parking brake, both rear tandem axles | | |
| i) Chicago Rawhide rear axle oil seats, tandem axle | | |
| 7) Tires & Wheels: | | |
| a) Front Wheels to be 22.5 X 9 steel or equivalent. | | |
| b) Front tires to be 315/80 R 22.5 20 PLY radial tubeless XZY tread | | |
| c) Rear wheels to be 22.5 X 8.25 steel or equivalent. | | |
| d) Rear tires to be 11 R 22.5 16 PLY radial tubeless On road/Off road tread | | |
| e) Brake Drum to be Cast Iron | | |
| f) One (1) Spare front tire mounted on rim. | | |
| g) Two (2) Spare rear tires mounted on rims. | | |
| 8) Fuel Tank: | | |
| a) 75 gallon capacity and mounted on the left hand side | | |
| b) Indicate clearance from bottom of tank to ground, provide maximum clearance available and clearance will be scrutinized | | |
| 9) Cab & Equipment: | | |
| a) Cab steel or aluminum construction with forward tilt | | |
| b) Right hand drive only | | |
| c) Dual Air horns mounted under cab and single electric horn | | |
| d) West coast style heated mirrors with S/S arms, provide left (street) side remote control mirror with all controls within easy reach of driver | | |
| e) Convex stainless steel clamp on mirrors, both sides | | |
| f) Down view mirror over left hand door | | |
| g) Entrance steps to cab mounted on both sides, including grab handles | | |
| h) Interior to be grey or black | | |
| i) Air conditioning to be factory installed integral with heater and defroster. A/C condenser must be roof mounted on cab. Mounted in front of engine radiator is unacceptable | | |
| j) Exterior color to be OEM standard production white | | |
| k) Deluxe National Cush-N-Aire II air operated driver seat (right hand side) or equal. Seat to have lumbar and tilt adjustments | | |
| l) Low back Stationary-Full foam vinyl passenger seat (left hand side) vinyl to be cordura seat covering, or equal, on both seats | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: DEVIATES AS NOTED |
|---|-----------------|-------------------------------------|
| m) Left and right color keyed interior sun visor | | |
| n) Back-up alarm | | |
| o) Standard OEM gauges, including speedometer, odometer, tachometer, transmission temperature gauge, oil pressure, water temperature and volt meter | | |
| p) Circuit protection, auto reset type II breakers | | |
| q) Auxiliary battery (power) circuits provided in cab | | |
| r) Five amber low profile marker lights on cab roof | | |
| s) Stop, tail and turn lights, with integral dual back-up lights, all to be LED | | |
| t) Breakaway-Round or Flush Mounted/Recessed front turn signals | | |
| u) AM/FM standard OEM radio | | |
| v) Dash or overhead console mounted radio speakers | | |
| w) Rubber AM/FM Radio antenna A or B-Pillar mounted | | |
| x) Windshield wipers with individual electric motors with intermittent option | | |
| y) Door lock and ignition keyed alike | | |
| z) Fire Extinguisher, mounted with bracket, 20 Lb. | | |
| aa) Two (2) sets of Manufacturer's Operation, Parts, and Service Manuals to be furnished plus (1) CD Rom (Parts and Service) | | |
| 10)Paint (Chassis): | | |
| a) Chassis shall be painted in accordance with paint manufacturers recommendations | | |
| b) Cab to be standard production white | | |
| c) Frame to be black | | |
| 11)Garbage Body Specifications: | | |
| a) 31 Cubic yard capacity minimum (excluding hopper) | | |
| b) Body sidewalls to be a minimum of 12 gauge steel | | |
| c) Body Roof to be a minimum of 12 gauge steel | | |
| d) Body Floor to be a minimum of 10 gauge steel | | |
| e) Body props must be provided to hold the empty body in a raised position for serving the unit | | |
| f) Debris unloading will be by dumping process rather than by ejection process | | |
| g) The body shall be equipped with truck-lite brand lights or equal. All lights must meet all state and federal regulations | | |
| h) Lights on the tailgate shall be recessed and sealed for maximum protection | | |
| i) Gross vehicle weight rating (GVWR) not to exceed 66,000 lbs | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: DEVIATES AS NOTED |
|--|---------------|-----------------------------|
| j) Body length not to exceed 25' | | |
| k) Body width not to exceed 96" | | |
| 12)Hopper Specifications: | | |
| a) Hopper depth to be a minimum of 56", width to be a minimum of 66" and length to be a minimum of 69" | | |
| b) Hopper capacity to be a minimum of 6.5 cu yd | | |
| c) Hopper follower panel to be a minimum of 1/4" thick | | |
| d) Provide hopper access door on curbside of truck | | |
| 13)Tailgate Specifications: | | |
| a) Rear tailgate to be hydraulically operated with automatic lock mechanism and hydraulic safety locks | | |
| b) Tailgate hydraulic line to be equipped with flow restrictor to prevent sudden descent | | |
| c) Cab mounted audible alarm to indicate when tailgate is unlocked | | |
| d) Cab mounted manual control with safety lock to prevent accidental activation | | |
| e) Tailgate safety prop | | |
| f) Tailgate shall be minimum 12 gauge thick steel | | |
| g) A heavy duty rubber seal to be installed the full circumference of the tailgate to prevent leakage | | |
| 14)Packer Specifications: | | |
| a) Hydraulically actuated packer, ensure packing operation does not occur while vehicle is in motion to minimize debris blowing out hopper area | | |
| b) Cycle time must be no more than 15 seconds | | |
| c) Packer force to be a minimum of 75,000 lbs | | |
| d) Packer controls to consist of Start, Retract, and Emergency Stop. Control buttons to be heavy duty industrial style, color coded, corrosion proof and weather resistant | | |
| e) Maximum hydraulic operating pressure to be 3,000 psi | | |
| f) Maximum compaction of refuse to be 900 lbs/cu yd | | |
| g) Packing force to be a minimum of 66,000 lb ft | | |
| h) Packing ram to be a minimum of 65" wide and 24" high | | |
| 15)Hydraulic Specifications: | | |
| a) Hydraulic system comprised of 2 pumps, 1 for body functions and the other for the side loader arm | | |
| b) All hydraulic hoses to be 2-wire with hose protection wrap to prevent chafing and designed to meet recommended S.A.E. designed pressures | | |
| c) All hydraulic tubing to be securely fastened to prevent vibration and abrasion | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: DEVIATES AS NOTED |
|---|---------------|-----------------------------|
| d) Quick disconnect fittings provided so a pressure gauge can be connected without the use of tools | | |
| e) Frame mounted hydraulic tank, minimum 70 gal, with sight gauge, magnetic drain plug, and shut off valve in suction line also indicate clearance from bottom of tank to ground as clearance will be scrutinized | | |
| f) Suction line filter to have replaceable cartridge element with filtration down to 7 micron maximum | | |
| g) Return line filter to have replaceable cartridge element and bypass valve and a differential pressure filter indicator | | |
| 16)Cylinders: | | |
| a) All cylinders shall be manufactured with hard chrome plated rods, hardened steel bushing with zerk fittings, oil tight O-rings, zinc phosphate head glands and urethane seals | | |
| b) Packer panel cylinders must be designed to allow access for simple replacement. | | |
| 17)Lifting Arm Specifications: | | |
| a) Grabber opening to allow picking up of 2 (two) 100 gal containers at once | | |
| b) Grabber controls to be operated by "Joystick " | | |
| c) Grabber arm lifting capacity 1000 lbs minimum | | |
| d) Lift Arm shall have a minimum side reach of 132 in | | |
| e) Lock valve shall be integrated in each lock cylinder to prevent arm movement without joystick function | | |
| f) Lifting mechanism shall be stowed within the 96-inch maximum chassis width while vehicle is in motion | | |
| g) The lifting arm shall operate a full cycle at engine idle in 10 seconds or less | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: DEVIATES AS NOTED |
|---|---------------|-----------------------------|
| h) Lifting mechanism shall be capable of operating during any simultaneous phase of the pack operation | | |
| i) Arm to be designed to incorporate switches to automatically switch camera from side to hopper and back again as operation is enabled | | |
| j) Lift controls shall be located on right (curb) side of the cab operation with ergonomically designed padded arm rests | | |
| 18)Painting (Garbage Body): | | |
| a) All components must be prepped and primed in accordance with paint manufacturer's recommendations | | |
| b) Paint to match chassis white | | |
| 19)Lettering (On Garbage Body): | | |
| a) Lettering to be vinyl lettering directly applied to side body panels | | |
| b) Lettering will read as follows: City of Asheville Solid Waste Division (In 4 Inch Black Letters) Quality Service with Pride (In 6 Inch Recycle/Safety green letters.) Exact Lettering will be Provided After Bid. | | |
| 20): Additional Equipment (include in total bid amount) | | |
| a) Color camera mounted for rear backup view - Clarion or equal | | |
| b) Color camera mounted for left side view – Clarion or equal | | |
| c) Color camera mounted for hopper view –Clarion or equal | | |
| d) Inside cab mounted camera view monitor with switch able display | | |
| e) One (1) Hopper work light, mounted. | | |
| f) Quad flashing amber and white 4" LED lights mounted on rear of body - two (2) mounted high and two (2) mounted low. Integrated strobe lighting with headlights on front of truck. Brake lights must remain functional even when 4-way flashers continue to operate. All red and amber required/provided shall meet or exceed all Federal and State rules and regulations as well as FMVSS 108. | | |
| g) Refuse body manufacturer's Operation, Parts, and Service manuals - (2) sets (must be "As-built") | | |
| h) Manufacturers suggested list of required parts to be stocked during the first year of operation, including manufacturers suggested list price. | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: <u>DEVIATES AS NOTED</u> |
|---|---------------|------------------------------------|
| i) Mobile maintenance truck must be available and able to respond within 48 hours of notification. | | |
| j) Bidder to furnish with their Bid a Notarized Affidavit stating the compaction of the unit proposed herein will be at least an average of 900 lbs. per cubic yard of residential refuse. The above statement does not include white goods. | | |
| k) Bidder to Furnish with their bid a list of references, minimum of 5 and preferable municipalities in this region that are currently using refuse trucks proposed herein. List to included name of Agency, Contact Person, Address and Telephone Number, Make and model number and date solid | | |
| l) Bidder to furnish ½ -Day (4 Hrs.) Maintenance and operator training at the time to be coordinated by Fleet management. Training to cover operation of controls, systems and preventative maintenance procedures for truck chassis and refuse body. | | |
| 21)Options Priced Separately - | | |
| a) 5 Year, 200,000 Mile Engine Warranty | | |
| b) On-Board direct reading truck weight scale system | | |
| c) Curbside mounted, lockable, water tight, sealed, right hand hinged tool box with door opening toward front of truck, aluminum diamond plate, 24" wide x 24" high x 24" long. DOT safety triangles, first aid kit, and rubber chock block with holder provided inside of toolbox. | | |
| d) A cab mounted electronic container counter with reset | | |
| e) 1 set of exterior brackets to hold (2) shovels and (2) brooms mounted curbside. Final mounting position to be determined at time of award to successful bidder | | |
| 22) Warranties - Vendor to supply all warranty statements applicable to the following requirements. All warranties cover 100% of all parts & labor. | | |
| a) Body manufacturer for a period of three years minimum | | |
| b) Engine for a period of three years minimum | | |
| c) Transmission for a period of five years minimum | | |
| d) Truck chassis manufacturer for a period of two years minimum | | |
| e) Hydraulic cylinders for a period of three years minimum | | |
| f) Hydraulic pump and valve bodies for a period of three years minimum | | |
| g) All equipment not covered by the previous warranties shall be covered for a minimum of one year. | | |
| Company Name: | Submitted By: | |

| SPECIFICATION | COMPLIES | IF NO: DEVIATES AS NOTED |
|---|----------|-----------------------------|
| 23) State Inspection- North Carolina Safety/Emissions annual sticker required or Federal Inspection sticker acceptable | | |
| 24) Documentation – <u>Manufacturer’s Certificate of Origin, North Carolina Title Application (MVR-1) and a copy of the invoice.</u> “City of Asheville” is the owner on all paperwork. The physical and mail address is 173 South Charlotte Street, Asheville, NC 28801. All required paperwork must be included with vehicle at time of delivery. <u>Any missing paperwork at delivery will delay payment of vehicles.</u> Any questions contact Fleet Management at 828-259-5700. | | |
| 25) Training - Operator/mechanic training will be conducted at the customer’s premises at no charge to the customer | | |
| 26) Service Facilities - The chassis manufacturer shall operate a service facility capable of performing repairs associated with the equipment they represent. If the service facility is not within close proximity to the City of Asheville garage, a service truck capable of handling any service request must respond within 48 hours. The closest service facility shall be stocked with common replacement and high wear parts, as designated by the equipment manufacturer, and approved by the City of Asheville. | | |
| 27) Acceptance – Prior to acceptance of this bid item and final payment of invoice, this bid item shall be checked against the above written specifications. The item offered for bid must meet or exceed these specifications as agreed to and stated by the vendor. | | |
| 28) Delivery - F.O.B.: City of Asheville, Fleet Management 173 South Charlotte Street Asheville, NC 28801 | | |

CONSIDERATION GIVEN IN THE EVALUATION OF ALTERNATE BIDS FOR AWARD WILL INCLUDE HISTORICAL OPERATING COST/MILE DATA, DELIVERY CAPABILITY, LOCAL DEALER WARRANTY & SERVICE COSTS AND OTHER FACTORS ROUTINELY CONSIDERED IN BID EVALUATIONS.

Company: _____ Submitted by: _____

BID REQUEST NO. FBR 759-10

ONE (1) AUTO SIDE LOADER REFUSE TRUCK
FOR THE CITY OF ASHEVILLE PUBLIC WORKS DEPARTMENT

THE UNDERSIGNED AFIRMS THAT THE PROPOSAL MADE HERE-IN IS MADE WITHOUT ANY CONNECTIONS WITH ANY OTHER PERSON, OR PERSONS, MAKING ANY OTHER PROPOSAL FOR THE ABOVE ITEM(S): THAT IT IS IN ALL RESPECTS FAIR AND WITHOUT COLUSION OR FRAUD:

THAT _____ (FIRM NAME) IS NOT CONNECTED IN ANY OFFICIAL CAPACITY WITH THE CITY OF ASHEVILLE, AND THAT NO PERSON, OR PERSONS, ACTING IN SUCH CAPACITY ARE DIRECTLY, OR INDIRECTLY, INTERESTED HEREIN OR IN ANY OF THE PROFIT ARISING OR ANTICIPATED FROM THIS TRANSACTION.

IN MAKING THIS PROPOSAL, IT IS UNDERSTOOD AND AGREED, THAT THE CONDITIONS SET FORTH IN THE ADVERTISEMENT FOR BIDS, INSTRUCTIONS TO BIDDERS, TERMS AND CONDITIONS AND SPECIFICATIONS TOGETHER WITH THE PROPOSAL SHALL FORM A PART OF AND BE CONSTRUED WITH THE CONTRACT MADE UNDER THE SAME.

THE ACCEPTANCE OF THIS PROPOSAL BY THE CITY OF ASHEVILLE, AS EVIDENCED BY THE ISSUANCE OF A CITY OF ASHEVILLE PURCHASE ORDER, WILL BE HELD TO BE A MUTUAL AGREEMENT AS TO EACH AND EVERY CLAUSE OF THIS PROPOSAL AND TO CONSTITUTE A CONTRACT BETWEEN THE PARTIES HERETO.

FIRM NAME: _____

ADDRESS: _____

BY: _____

TITLE: _____